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pamphlets devoted to biology. It has several complete series of journals and some others of which only a few volumes are lacking.

The most imperative need of the laboratory is a new building capable of accommodating twenty investigators at one time, with a practically fireproof part for the library and valuable apparatus. Another necessity is a larger income. At present the laboratory is supported by subventions from several institutions. For several years the work has been carried on at an expenditure of less than \$500 in any one year. Out of this small sum a collector has been employed, the absolutely essential supplies have been bought and some additions have been made each year to the permanent equipment.

During the coming season the laboratory will be open from about June 20 to September 10. It offers especial facilities for the embryology of the fishes and for experimental work on that most favorable material, the eggs of *Cerebratulus* and of *Echinarachnius*. The more northern fauna marks the laboratory off from similar institutions farther south, while the location assures one of a cool summer. No instruction is given, but the facilities are offered free to those competent to carry on investigations. All communications as to places in the laboratory as well as to accommodations in the town should be addressed to either Professor H. V. Neal, Tufts College, Mass., or to J. S. Kingsley, Urbana, Illinois.

SCIENTIFIC NOTES AND NEWS

DR. J. GEORGE ADAMI, professor of pathology in McGill University, Montreal, has left for England to take up work as a member of the British War Office, having charge of the preparation of a medical history of the war.

DR. S. ALFRED MITCHELL, formerly assistant professor of astronomy at Columbia University, and now director of the Leander McCormick Observatory at the University of Virginia, has been appointed Ernest Kempton Adams Research Fellow by the trustees of Columbia University.

OWING to the illness of Dr. Theobald Smith, the dinner which was to be given in his honor

at the Harvard Club, Boston, on April 17, has been postponed until June.

THE Medical Club of Philadelphia announces a reception to be given at the Bellevue-Stratford, on April 23, in honor of Edgar Fahs Smith, LL.D., provost of the University of Pennsylvania; Alba B. Johnson, Esq., for the president of Jefferson Medical College; David Milne, Esq., president of the Medico-Chirurgical College of Philadelphia, and Russel H. Conwell, D. D., president of Temple University.

DR. EDMUND B. WILSON, Da Costa professor of zoology at Columbia University, has been appointed by the trustees to be speaker at the opening exercises of the university, on September 22.

THE van't Hoff fund committee of the Academy of Sciences of Amsterdam has awarded \$120 to Dr. E. D. Tsakalotos, of Athens, in aid of his researches on the thermal properties, the viscosity and the magnetic susceptibility of binary mixtures, capable of yielding endothermic compounds.

THE Academy of Sciences at Vienna has allowed \$200 to Professor H. Dexler, of Prague, to aid in continuing his studies on stimulation of the brain cortex in the horse, and \$150 to Dr. E. Pernkopf, of Vienna, to aid in his study of the development of the intestines and omentum.

DR. GEORGE SARTON, editor of *Isis*, who was compelled to leave Belgium with his family on account of the war, has accepted a lectureship at George Washington University. Dr. Sarton will lecture on the history of science. At the close of the war, it is his intention to return to Belgium and resume the publication of *Isis*.

THE Longstaff medal for 1915, of the Chemical Society, London, has been presented to Dr. M. O. Forster, F.R.S.

THE Samuel D. Gross prize of the Philadelphia Academy of Medicine for the year 1915 has been awarded to Dr. John Lawrence Yates, of Milwaukee, for his essay entitled, "Surgery in the Treatment of Hodgkin's Disease." The amount of this prize is \$1,500.

PROFESSOR W. WINTERNITZ, of Vienna, known as the founder of scientific hydrotherapy, celebrated his eightieth birthday on March 1.

PROFESSOR LILLIEN J. MARTIN, of Stanford University, has undertaken the chairmanship of the committee of the American Psychological Association appointed to arrange for and conduct the program of psychology to be held at San Francisco during the first week of August. The committee otherwise remains as previously announced, the additional members being Professors G. M. Stratton and Warner Brown, of the University of California.

DR. W. H. MANWARING, of Stanford University, has been appointed chairman of the pathological section of the National Association for the Study and Prevention of Tuberculosis, that will meet in Seattle, Wash., from June 14 to 16.

IN accordance with a provision in the annual Naval Appropriation bill, President Wilson has appointed an advisory committee on aeronautics. The purpose of the committee is to map out plans for stimulating aviation in the army and navy, and to adopt the best measures for overcoming the relative weakness of the United States military services in this field. The committee is composed of Brigadier-General George P. Scriven, chief signal officer, U. S. A.; Lieutenant-Colonel Samuel Reber, aviation section of the Army Signal Corps; Captain Mark L. Bristol, U. S. N., in charge of the Naval Aeronautic Service; Naval Constructor Holden C. Richardson, U. S. N.; Dr. Charles D. Walcott, secretary of the Smithsonian Institution; Charles F. Marvin, chief of the Weather Bureau; Dr. S. W. Stratton, chief of the Bureau of Standards; Byron R. Newton, assistant secretary of the Treasury; Professor W. F. Durand, of Stanford University; Professor Michael I. Pupin, of Columbia University; Professor John F. Hayford, of the College of Engineering, Northwestern University, and Professor Joseph S. Ames, of the Johns Hopkins University.

PROFESSOR G. D. HARRIS, of Cornell University, will repeat this summer the tour which he took last summer. The trip will be made

in the motor-boat *Ecphora* and will cover approximately the same territory as last year. The party will leave Ithaca early in June and will consist of Professor Harris and the six or seven graduate students who intend to make geology their life work. The route chosen takes an inland course down the Atlantic coast, planned in such a way that the geologists can study the different rock systems of the geologic column. From Cayuga Lake the party will enter the Erie Canal *via* the Montezuma Canal, proceed to Albany and thence down the Hudson to New York, cross New Jersey by the New Brunswick Canal and reach Chesapeake Bay through the Delaware River and the Delaware-Chesapeake Canal. The last part of the journey will be a tour through the canals of the Dismal Swamp, and the trip will end in the vicinity of Wilmington, North Carolina.

DR. ALLEN W. FREEMAN, Richmond, Va., has resigned as assistant state health commissioner to become epidemiologist for the U. S. Public Health Service at Washington.

STUART P. MILLER, graduate assistant in the chemical department of the Massachusetts Agricultural College, has accepted an appointment with Parke, Davis and Company, of Detroit, Michigan.

A GENERAL meeting of the New York Academy of Sciences and its affiliated societies is announced for Monday, April 26, 1915, at the American Museum of Natural History. There will be a social hour, with refreshments, beginning at 9:30 P.M., preceded, at 8:15 P.M., by a lecture under the auspices of the Section of Astronomy, Physics and Chemistry, entitled "The Volcano Kilauea in Action," illustrated with lantern slides, by Dr. Arthur L. Day, director, Geophysical Laboratory, Carnegie Institution, Washington, D. C.

DR. VICTOR C. VAUGHAN, professor of hygiene and preventive medicine in the University of Michigan, Ann Arbor, delivered an address at a special meeting of the College of Physicians of Philadelphia, on April 12, on phases of modern military hygiene and camp sanitation, particularly in reference to war mortality.

PROFESSOR DOUGLAS W. JOHNSON, of Columbia University, delivered an illustrated lecture on "Surface Features of Europe as a Factor in the War," at Johns Hopkins University on April 8. On the preceding evening he addressed the Harrisburg Natural History Society on "The Origin of Scenery in the Grand Canyon District."

ON April 16 Mr. R. J. Hammond, chemist of the U. S. Bureau of Mines, lectured at the University of Illinois on "The Radium Industry in America."

DR. A. J. CARLSON, of the University of Chicago, spoke before six hundred students in physiology at the Ohio State University on April 9. He chose as his topic "Some Recent Contributions to the Physiology of the Stomach." Dr. Carlson summarized his investigations, giving especial attention to the cause of hunger pangs. This was the final lecture in the annual series offered by the department of physiology to its students. Professor Carlson will address a joint meeting of the Alpha Omega Alpha Chapter, of the Western Reserve Medical School and the Section of Experimental Medicine of the Cleveland Academy of Medicine on May 14 at the Medical Library on "Some Recent Contributions to the Physiology of the Stomach."

A STATED meeting of the Geographic Society of Chicago was held on April 9, when a lecture was given by Mr. Charles W. Furlong, of Boston, Massachusetts, the title being "Chile and the Fuégian Archipelago."

PROFESSOR ARTHUR E. HAYNES, who for eighteen years held the chair of mathematics at the University of Minnesota until his retirement in 1911, died on March 12, at the age of sixty-six years.

DR. ERNEST P. MAGRUDER, of Washington, D. C., one of the physicians at the head of the American Red Cross unit in Serbia, has fallen a victim to typhus fever. For the last five years before going to Serbia Dr. Magruder had been professor of clinical surgery in Georgetown University.

THE death is announced from Berlin of Professor Friedrich Loeffler, the distinguished

pathologist, who in 1884 discovered the diphtheria bacillus. Dr. Loeffler was born on June 24, 1852.

DR. ARTHUR SHERIDEN LEA, formerly university lecturer at Cambridge, known for his researches in physiological chemistry, died on March 23, at the age of sixty-one years.

PROFESSOR GEORG JOCHMANN, of Berlin, has died from typhus fever, contracted in one of the camps for Russian prisoners.

DR. AUGUST VOLKENHAUER, docent for geology in Göttingen, has been killed in the war.

THE *Journal* of the American Medical Association records deaths among foreign students of the medical sciences as follows: A. Birnbacher, professor of ophthalmology at the University of Graz, aged 66, an authority on glaucoma in particular, but best known, perhaps, by his operation for ptosis and for cataract and his method of illumination of the eye; J. D. Pinero, professor of anatomy at the University of Buenos Aires and chief of the sanitary inspection service of the port and of the vaccine service, member of the national board of health and physician in chief at the hospital for men; J. G. Rueda, president of the board of health for the province of Cordoba, Argentina, governor, and member of the national senate, aged 53; G. Resinelli, professor of obstetrics at the University of Florence, aged 50; H. Apolant, a coworker with Ehrlich at Frankfurt, aged 48; Kreisarzt Filgenräger, of typhus contracted at the Langensalza camp of prisoners; Otto Markus, assistant at the Würzburg medical clinic, killed by a shell during the Argonne fighting. He leaves unfinished an important work on the histology of the ganglion cells of the nervous system.

THE next annual meeting of the American Psychological Association is set for December 28, 29, 30, at Chicago, Ill.

GOVERNOR WHITMAN has signed the Walters bill, which appropriates \$50,000 for the eradication of the foot and mouth disease.

GOVERNOR FIELDER has signed the bill giving to the State Board of Health the power to grant to regularly incorporated colleges,

universities and philanthropic institutions in New Jersey permission to make experiments on animals under certain restrictions. The Rockefeller Foundation for Medical Research will now begin work on the construction of a laboratory near Princeton for the study of animal diseases. The ground, buildings and equipment of the new laboratory will cost, it is estimated, \$1,000,000. As has already been announced, Dr. Theobald Smith, professor of comparative pathology at Harvard, will direct the institution.

WE learn from the *Journal* of the American Medical Association that the Langenbeck-Virchow building, the new home for the medical and surgical societies of Berlin, is on the point of completion. The library is already being moved into the new quarters. By combining several scattered medical libraries, it starts with 113,000 volumes.

ACCORDING to a cablegram from Nish, dated April 11, the British and French governments are sending large numbers of military surgeons into Serbia to fight the epidemic of typhus. Thirty English surgeons have already arrived. Fifty French physicians arrived on April 10 and fifty more are expected shortly, as well as a party sent out by the Rockefeller Foundation and the American Red Cross.

THE *Journal of Criminal Law and Criminology* is entering upon the publication of a series of monograph supplements which will be known as Criminal Science Monographs. The first monograph is now in the press. It will appear early next fall under the title "Pathological Swindling and Lying." Dr. William Healy, of Chicago, is the author. The volume will approximate two hundred pages. Each number in this series will be bound in cloth, and will come from the press of Little, Brown and Co., Boston, Massachusetts. Persons who have manuscripts in hand or in preparation, which they wish to have considered for publication in this series should communicate with Professor Robert H. Gault, Northwestern University, Evanston, Illinois.

THE Prussian department of education has petitioned the legislature for a continuance of the appropriation of 25,000 marks, which for

six years has been granted for cancer research, on condition that private subscriptions would double the amount. This has always been done, and the private subscriptions are already assured for 1915. The appropriation is devoted mainly to the cancer research work being done under Professor Ehrlich's supervision.

AN institution for ethnological research has been founded in Leipzig. The new institution forms part of the King Friedrich August Foundation for Scientific Research. It is affiliated with the Ethnographic Museum of Leipzig, and is furthermore in close connection with the Ethnological Seminar at the university. Dr. Karl Weule, director of the museum, is also director of the research institution. It may be expected that excellent results will be obtained by this concentration of effort, which contrasts favorably with the dispersion of energy as found in cities like Vienna and St. Petersburg and in most cities of the United States.

UNIVERSITY AND EDUCATIONAL NEWS

HARVARD UNIVERSITY receives \$100,000 by the will of James J. Myers, of Cambridge.

GIFTS amounting to \$72,908, to be devoted to cancer research at the Harvard Medical School, are announced. The sum of \$50,000 was provided by the will of Philip C. Lockwood.

By the will of Mrs. Laura L. Ogden Whaling, of Cincinnati, Miami University receives \$250,000 for a dormitory with \$10,000 for its support. \$10,000 is bequeathed to the alumni loan fund. The residue of the estate is to be divided between Miami University and the Cincinnati Museum Association, and it is said that each institution may receive \$200,000.

THE Addison Brown collection of plants offered to Amherst College by Mrs. Brown in memory of her husband, at one time a member of the class of 1852, has now come into possession of the college. Containing many thousands of specimens collected in the United States, Mexico, Porto Rico, the Hawaiian Islands and elsewhere, it is by far the largest accession ever received by the department.